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* * * * * * * * * Welcome to STN International * * * * * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 JAN 02 STN pricing information for 2008 now available
NEWS 3 JAN 16 CAS patent coverage enhanced to include exemplified prophetic substances
NEWS 4 JAN 28 USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS 5 JAN 28 MARPAT searching enhanced
NEWS 6 JAN 28 USGENE now provides USPTO sequence data within 3 days of publication
NEWS 7 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 8 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements
NEWS 9 FEB 08 STN Express, Version 8.3, now available
NEWS 10 FEB 20 PCI now available as a replacement to DPCI
NEWS 11 FEB 25 IFIREF reloaded with enhancements
NEWS 12 FEB 25 IMSPRODUCT reloaded with enhancements
NEWS 13 FEB 29 WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS 14 MAR 31 IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS 15 MAR 31 CAS REGISTRY enhanced with additional experimental spectra
NEWS 16 MAR 31 CA/CAplus and CASREACT patent number format for U.S. applications updated
NEWS 17 MAR 31 LPCI now available as a replacement to LDPCI
NEWS 18 MAR 31 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 19 APR 04 STN AnaVist, Version 1, to be discontinued
NEWS 20 APR 15 WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS 21 APR 28 EMBASE Controlled Term thesaurus enhanced
NEWS 22 APR 28 IMSRESEARCH reloaded with enhancements
NEWS 23 MAY 30 INPAFAMDB now available on STN for patent family searching
NEWS 24 MAY 30 DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS 25 JUN 06 EPFULL enhanced with 260,000 English abstracts
NEWS 26 JUN 06 KOREAPAT updated with 41,000 documents
NEWS 27 JUN 13 USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS 28 JUN 19 CAS REGISTRY includes selected substances from web-based collections
NEWS 29 JUN 25 CA/CAplus and USPAT databases updated with IPC reclassification data
NEWS 30 JUN 30 AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS 31 JUN 30 EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated

NEWS 32 JUN 30 STN on the Web enhanced with new STN AnaVist
Assistant and BLAST plug-in
NEWS 33 JUN 30 STN AnaVist enhanced with database content from EPFULL

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 19:28:32 ON 14 JUL 2008

=> file registry
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

	SINCE FILE ENTRY	TOTAL SESSION
	0.21	0.21

FILE 'REGISTRY' ENTERED AT 19:28:49 ON 14 JUL 2008
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 JUL 2008 HIGHEST RN 1033821-28-1
DICTIONARY FILE UPDATES: 13 JUL 2008 HIGHEST RN 1033821-28-1

New GAS Information Use Policies. enter HELP USAGETERMS for details.

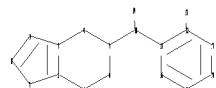
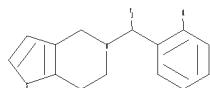
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stndgen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10-598790genA.str



chain nodes :

10 17 19

ring nodes :

1 2 3 4 5 6 7 8 9 11 12 13 14 15 16

chain bonds :

5-10 10-11 10-19 12-17

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 11-12 11-16 12-13 13-14 14-15
15-16

exact/norm bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 5-10 7-8 8-9 10-19

exact bonds :

10-11 12-17

normalized bonds :

11-12 11-16 12-13 13-14 14-15 15-16

G1:C,H

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 19:CLASS

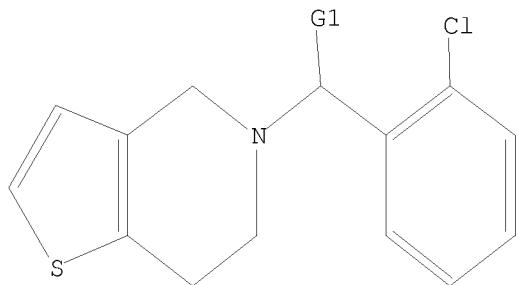
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=> d 11

L1 HAS NO ANSWERS

L1

STR

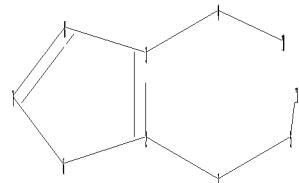
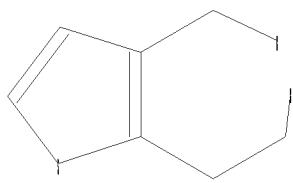


G1 C, H

Structure attributes must be viewed using STN Express query preparation.

=>

Uploading C:\Program Files\Stnexp\Queries\10-598790genB.str



chain nodes :

1 4 5 10 11

ring nodes :

2 3 6 7 8

chain bonds :

1-2 1-5 3-4 4-10 5-11

ring bonds :

2-3 2-6 3-8 6-7 7-8

exact/norm bonds :

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exact bonds :

1-2 1-5 3-4 4-10 5-11

G1:C, H

Match level :

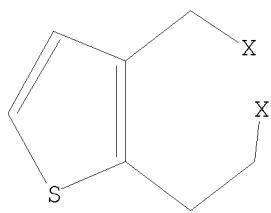
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L2 HAS NO ANSWERS

L2 STR

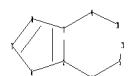
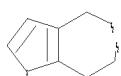


G1 C,H

Structure attributes must be viewed using STN Express query preparation.

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chain nodes :  
1 4 5 10 11  
ring nodes :  
2 3 6 7 8  
chain bonds :  
1-2 1-5 3-4 4-10 5-11  
ring bonds :  
2-3 2-6 3-8 6-7 7-8  
exact/norm bonds :  
2-3 2-6 3-8 4-10 5-11 6-7 7-8  
exact bonds :
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1-2 1-5 3-4

G1:C,H

G2:X,S,Cl,Br,I

Match level :

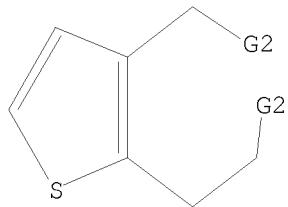
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 10:CLASS 11:CLASS

L3 STRUCTURE UPLOADED

=> d 13

L3 HAS NO ANSWERS

L3 STR



G1 C,H

G2 X,S,Cl,Br,I

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss full

FULL SEARCH INITIATED 19:30:29 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 3325 TO ITERATE

100.0% PROCESSED 3325 ITERATIONS
SEARCH TIME: 00.00.01

465 ANSWERS

L4 465 SEA SSS FUL L1

=> s 12 sss full

FULL SEARCH INITIATED 19:30:47 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2092 TO ITERATE

100.0% PROCESSED 2092 ITERATIONS
SEARCH TIME: 00.00.01

7 ANSWERS

L5 7 SEA SSS FUL L2

=> s 13 sss full

FULL SEARCH INITIATED 19:30:59 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2152 TO ITERATE

100.0% PROCESSED 2152 ITERATIONS
SEARCH TIME: 00.00.01

7 ANSWERS

L6 7 SEA SSS FUL L3

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	535.54	535.75

FILE 'CAPLUS' ENTERED AT 19:31:16 ON 14 JUL 2008
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FILE COVERS 1907 - 14 Jul 2008 VOL 149 ISS 3
 FILE LAST UPDATED: 13 Jul 2008 (20080713/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

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 L8 5 L5

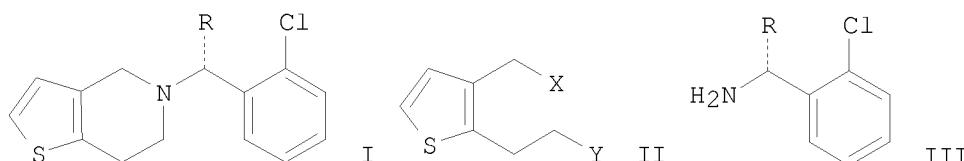
=> s 16
 L9 5 L6

=> s 17 and 18
 L10 1 L7 AND L8

=> s 17 and 19
 L11 1 L7 AND L9

=> d 110 abs ibib hitstr

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
 GI



AB Title compds. (I; R = H, MeO2C), were prepared by reaction of thiophene derivs. (II; X, Y = Cl, Br, mesyloxy, tosyloxy) with chlorobenzylamines (III; R as above). Thus, 2-(2-bromoethyl)-3-bromomethylthiophene (preparation given), 2-chlorobenzylamine, and diisopropylamine were refluxed together for 5 h in MeCN to give 78% Ticlopidine.

ACCESSION NUMBER: 2005:1026954 CAPLUS

DOCUMENT NUMBER: 143:326345

TITLE: preparation of chlorobenzylthienopyridines from chlorobenzylamines and hydroxymethylthiopheneethanol derivatives

INVENTOR(S): Yun, Sangmin; Kim, Eun Sook; Kim, Hee Seock; Ha, Tae Hee; Suh, Kwee-Hyun; Lee, Gwan Sun

PATENT ASSIGNEE(S): Hanmi Pharm. Co., Ltd., S. Korea

SOURCE: PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005087779	A1	20050922	WO 2005-KR586	20050303
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
KR 2005091330	A	20050915	KR 2004-16714	20040312
AU 2005222016	A1	20050922	AU 2005-222016	20050303
AU 2005222016	B2	20080214		
CA 2559571	A1	20050922	CA 2005-2559571	20050303
EP 1723149	A1	20061122	EP 2005-721898	20050303
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
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RU 2322446	C1	20080420	RU 2006-136031	20050303
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PRIORITY APPLN. INFO.:			KR 2004-16714	A 20040312
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OTHER SOURCE(S): CASREACT 143:326345; MARPAT 143:326345

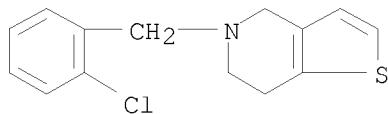
IT 55142-85-3P, Ticlopidine 113665-84-2P, Clopidogrel

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(preparation of chlorobenzylthienopyridines from chlorobenzylamines and hydroxymethylthiopheneethanol derivs.)

RN 55142-85-3 CAPLUS

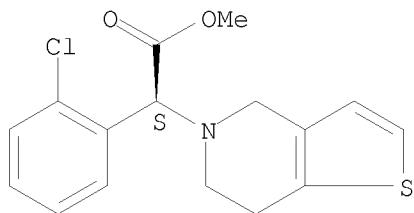
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RN 113665-84-2 CAPLUS

CN Thieno[3,2-c]pyridine-5(4H)-acetic acid, α -(2-chlorophenyl)-6,7-dihydro-, methyl ester, (α S)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

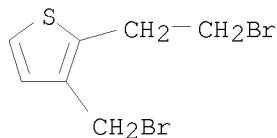


IT 865187-82-2P 865187-83-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of chlorobenzylthienopyridines from chlorobenzylamines and hydroxymethylthiopheneethanol derivs.)

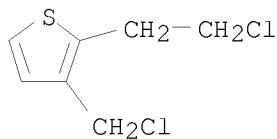
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RN 865187-83-3 CAPLUS

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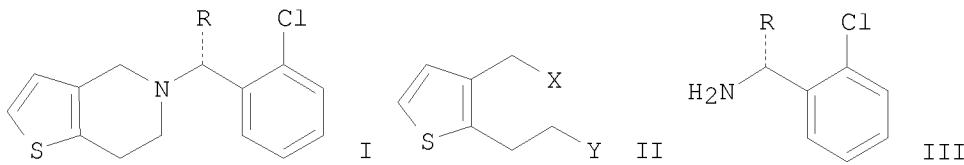
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THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
GI



AB Title compds. (I; R = H, MeO2C), were prepared by reaction of thiophene derivs. (II; X, Y = Cl, Br, mesyloxy, tosyloxy) with chlorobenzylamines (III; R as above). Thus, 2-(2-bromoethyl)-3-bromomethylthiophene (preparation given), 2-chlorobenzylamine, and diisopropylamine were refluxed together for 5 h in MeCN to give 78% Ticlopidine.

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RU 2322446	C1	20080420	RU 2006-136031	20050303
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US 20070197789	A1	20070823	US 2006-598790	20060912
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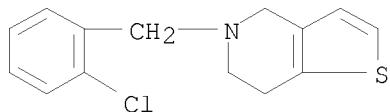
OTHER SOURCE(S): CASREACT 143:326345; MARPAT 143:326345

IT 55142-85-3P, Ticlopidine 113665-84-2P, Clopidogrel

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RN 55142-85-3 CAPLUS

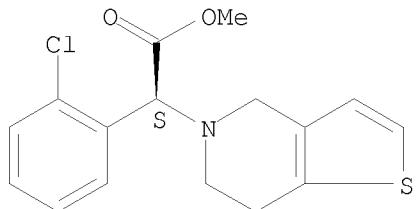
CN Thieno[3,2-c]pyridine, 5-[(2-chlorophenyl)methyl]-4,5,6,7-tetrahydro- (CA INDEX NAME)



RN 113665-84-2 CAPLUS

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Absolute stereochemistry. Rotation (+).

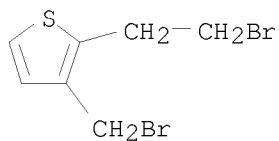


IT 865187-82-2P 865187-83-3P

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(preparation of chlorobenzylthienopyridines from chlorobenzylamines and hydroxymethylthiopheneethanol derivs.)

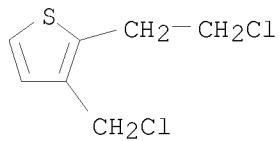
RN 865187-82-2 CAPLUS

CN Thiophene, 2-(2-bromoethyl)-3-(bromomethyl)- (CA INDEX NAME)



RN 865187-83-3 CAPLUS

CN Thiophene, 2-(2-chloroethyl)-3-(chloromethyl)- (CA INDEX NAME)



REFERENCE COUNT:

6

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:Y
STN INTERNATIONAL LOGOFF AT 19:34:19 ON 14 JUL 2008